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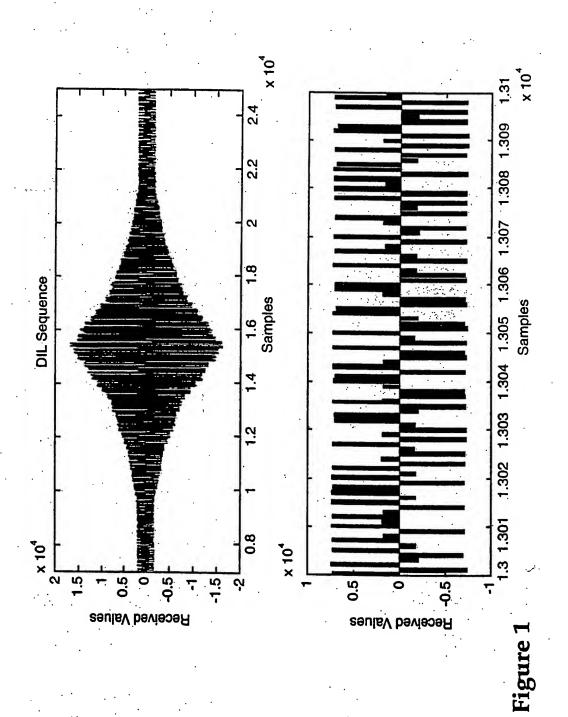
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BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Title: PAD and CODEC Detection (303) 740-1980

Inventors: Green et al.
Filing Date: Concurrently Herewith
Express Mail Label No.: EL 981992855 US

Sheet: 1 of 11



BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP Title: PAD and CODEC Detection

Inventors: Green et al.
Filing Date: Concurrently Herewith
Express Mail Label No.: EL 981992855 US
Sheet: 2 of 11

Attorney Docket No: 42P12962C

Sheet 2 of 11

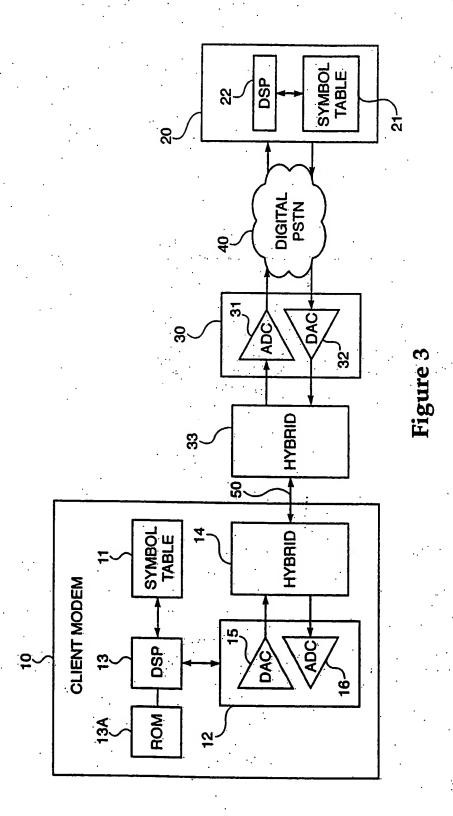
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Sign and Training Pattern	Slot 6	L-	H.	÷	T+	+B	ļ-	ŀ	ŀ	ŀ	ď	<u>+</u>	1+	+ <b>T</b> +	+ H	T+	+B	1-	<u>+</u> -	  +	<u> -</u> +		Ļ
	Slot 5	æ		<b>⊥</b> •	<b>I-</b>	ŀ.	æ	1+	+	<del>+</del>	1-	<u>+</u>	+B	Ļ	١ <del>-</del>	4	<u>-</u>	+T	+T	<b>-</b> В-	· ±+ ·	· x	
	Slot 4	1+	+B	1+	<u></u>	1+	<b>I</b> -	+B	T-	-T.	+B	T-	1+	æ	+T		-B	- 1+		T	-В	itude. iplitude.	=
	Slot 3	₩-	1-	H-	H+	<u>l</u> -	+T	+T	+T	+T	+T	Т-		+T	-R	+B	+T	+B	<u>T-</u>	Τ-	Т-	in the table represents a training amplitude. In the table represents a reference amplitude	or represents the sign of the symbol
	Slot 2	L-	H+	1+	1+	ъ.	+T	-T		+B	-T	+T	-R	Т-	+T	+T	-B		+B	+T	-T-	esents a tra resents a re	s the sign o
	Slot 1	+B	1+	+B	T-	+T.	<b>-</b> -	+T	æ	±±	+B	-Т	+T	<b>н</b> -	-Т-	Ţ-	т-	Τ	+T	æ	+ <b>T</b> +	e table repr re table repr	represent
	Frame		2	3	4	5	9	: 2	8	6	10	11	12	13	14	15	16	17	18	19	. 20	e"T" in th	- 5 + e

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Filing Date: Concurrently Herewith
Express Mail Label No.: EL 981992855 US

Sheet: 3 of 11

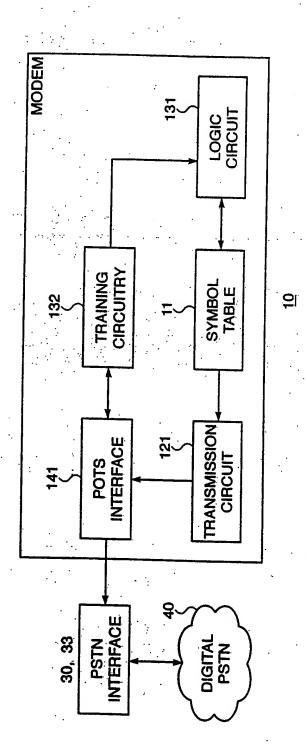
Sheet 3 of 11



BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP Title: PAD and CODEC Detection

Inventors: Green et al.
Filing Date: Concurrently Herewith
Express Mail Label No.: EL 981992855 US
Chart A of 11
Attorney Docket No: 42P12962C

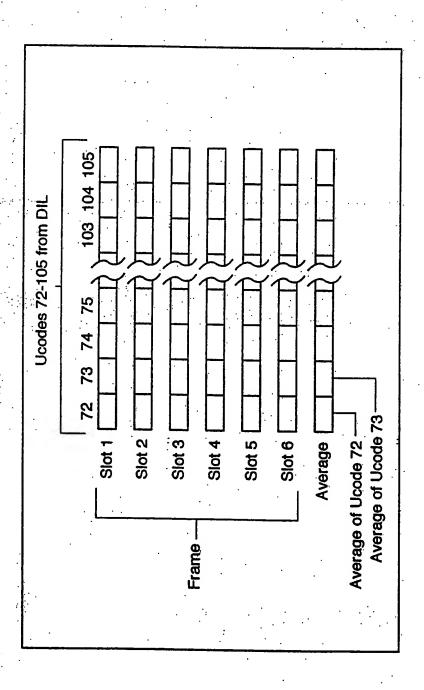
Sheet 4 of 11



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Title: PAD and CODEC Detection

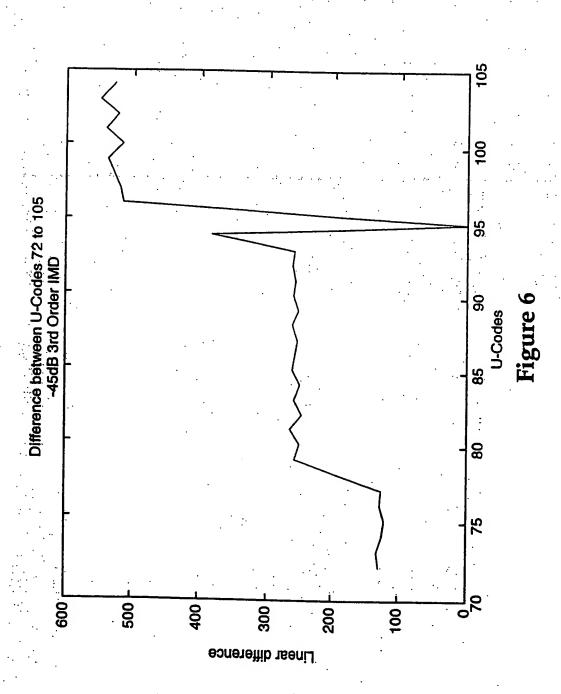
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Sheet: 5 of 11



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Express Mail Label No.: EL 981992855 US
Sheet: 6 of 11
Attorney Docket No: 42P12962C

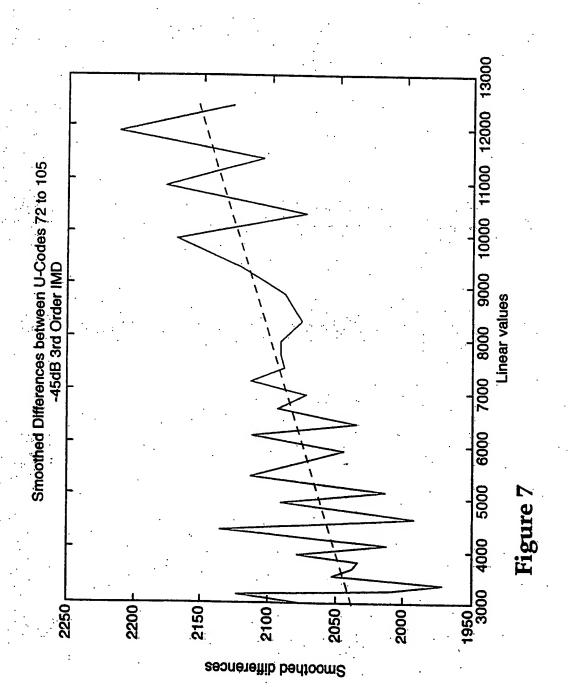


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Inventors: Green et al.
Filing Date: Concurrently Herewith
Express Mail Label No.: EL 981992855 US
Sheet: 7 of 11 Attorn

Attorney Docket No: 42P12962C

Sheet 7 of 11



Title: PAD and CODEC Detection

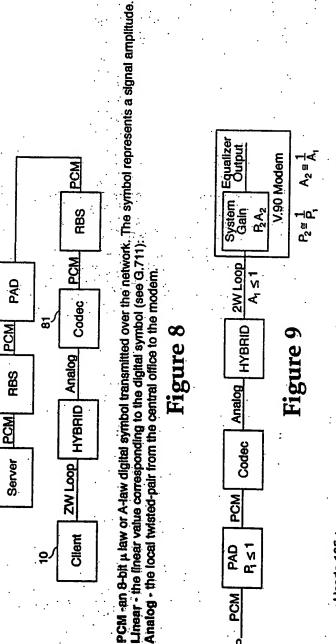
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Sheet: 8 of 11

Attomey Docket No: 42P12962C

### Sheet 8 of 11



Received Sample, . Test Fraction - SLICED [Received Sample, . Test Fraction] Ucode 105 Error = n=Ucode 72

Test Fraction

SLICED[x] - results in the G.711 value closest to x.

Ucode# - refers to PCM symbols sent by the server (see V.90 specification)

Received Sample, an average received value from the Dit. sequence corresponding to Ucode# Test Fraction - a value between 1.0 and 0.25 that is adjusted to result in a minimum error

Figure 10

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Title: PAD and CODEC Detection
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Filing Date: Concurrently Herewith
Express Mail Label No.: EL 981992855 US
Sheet: 9 of 11 Attorney Docket No: 42P12962C

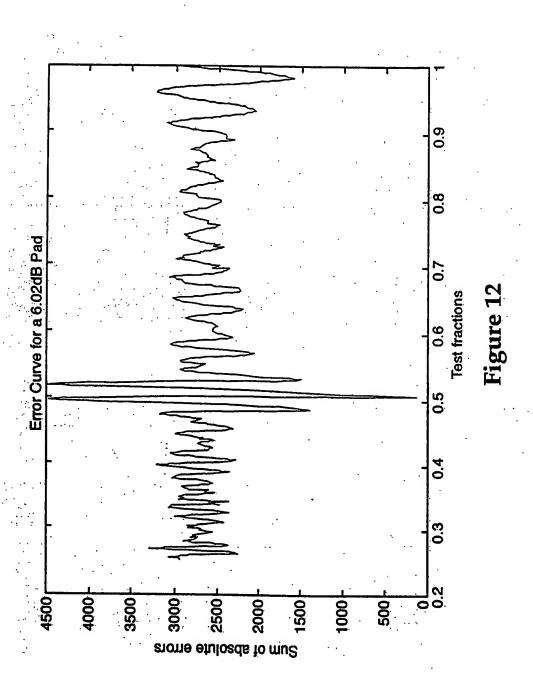
Sheet 9 of 11

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Absolute Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Using 0.5077 as the Test Fraction	3388	3516	3644	3772	3900	4092	4092	4348	4604	4860	5116	5372	5628	5884	6140	9629
Absolute Error	51	23	<b>5</b> 5	29	69	62	. 62	99	70	73	77	81	85	89	63	26
Using 0,5 as the Text Fraction	3337	3463	3589	3715	3841	4030	4030	4282	4534	4787	5039	5291	5543	5295	6047	6539
Avg. Received Value	6299	6925	7178	7430	7682	0908	8060	8564	9068	9573	10077	10581	11085	11590	12094	12598
U - Code Sent	06	91	92	93	94	95	96	97	86	66	100	101	102	103	104	105

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Filing Date: Concurrently Herewith
Express Mail Label No.: EL 981992855 US

Sheet: 10 of 11

Sheet 10 of 11



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Sheet: 11 of 11

Attorney Docket No: 42P12962C

#### Sheet 11 of 11

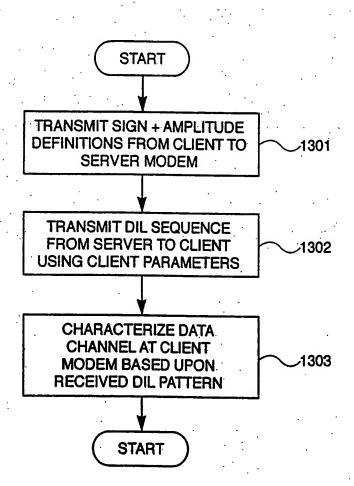


Figure 13